

NPIC R-09/75

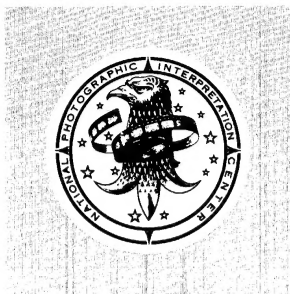
also as PIN 5/75
filed as PIN 5/75

Declass Review by
NIMA/DOD

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Secret

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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

PHOTOGRAPHIC
EXPLOITATION
PRODUCTS

QUARTERLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS APRIL - JUNE 1975

Secret

NPIC/R-10/75
JULY 1975

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NATIONAL SECURITY INFORMATION
Unauthorized Disclosure Subject to Criminal Sanctions

Classified by 009907 Exempt from General Declassification Schedule of E.O. 11652, exemption category: 5B(2) Automatically declassified on: <i>date impossible to determine</i>
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PHOTOGRAPHIC EXPLOITATION PRODUCTS

QUARTERLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS APRIL - JUNE 1975

JULY 1975

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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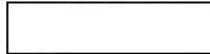
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INTRODUCTION

25X1C The Index to Photographic Exploitation Products is a guide to the contents of reports and memoranda produced by means of photographic interpretation. These are added to the Exploitation Products Data File (EPF) of the National Base of Image-Derived Information (NBIDI) when received by the National Photographic Interpretation Center (NPIC). The index includes imagery interpretation reports produced by various components of the Army, Navy, Air Force, Central Intelligence Agency, Defense Intelligence Agency, [redacted] as well as those produced by NPIC. At the request of the intelligence community, this publication is compiled and published quarterly then cumulated annually by NPIC for the use of properly cleared components of USIB member organizations.

Listed documents are on file in NPIC, and microfiche copies are available to requesters when parent organizations are unable to provide copies. Information, such as bibliographies on specific subjects, is available from the EPF to answer requests which cannot be satisfied from the PEP.

Requests for regular distribution of the PEP, for additional information from the EPF, or for microfiche copies of documents should be channeled through appropriate liaison offices located in NPIC. Organizations which do not have a liaison office in NPIC should submit the request in writing to: NPIC/PSG/RSD/IB.

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GUIDE TO USERS

The PEP consists of six indexes:

- Subject in alphabetic sequence.
- Originator in report type/number sequence.
- General category with subject in alphabetic sequence.
- Geographic coordinate sequence. (Geographic coordinates are listed where a single area is involved.)

- WAC/BE number sequence.
- Accession number sequence.

The accession number sequence may be referred to for complete information on each document, including edited abstracts. Selected information is contained in the other sequences. The accession number should be used when requesting microfiche copies of documents.

TYPICAL ACCESSION CITATION

25X1A AF REPT 15-72 14 AUG 72 SEC CLASS: 07 MSN [REDACTED] 3P ACCN: S059381
25X1A BYDGOSZCZ AIRFIELD HANGARETTES U/C COVER NEW PL 5305 N 01758 E
WAC NO : 0169 BE/OBJ NO [REDACTED] NPIC NO : - 20-A
IDHS CODE [REDACTED] EP F CAT : 05A COMIREX NO [REDACTED]

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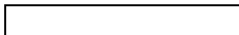
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COMMENTS AND QUERIES REGARDING THIS REPORT ARE WELCOMED.
THEY MAY BE DIRECTED TO [REDACTED] OF PSG/NPIC, CODE

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ABBREVIATIONS AND NUMERIC CODES

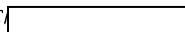
REPORT TYPES

BIIB - Basic Imagery Interpretation Brief
BIIR - Basic Imagery Interpretation Report
BREF - Photographic Interpretation Brief
DPIR - Detailed Photographic Interpretation Report
ENDR - Engineering Drawing
FEDR - Detailed Photographic Interpretation Report (Far East)
FEGR - General Photographic Interpretation Report (Far East)
FESR - Special Photographic Interpretation Report (Far East)
IIM - Imagery Interpretation Memorandum
INFR - Inter-office Memorandum
IRA - Imagery Research Aid
MCP - Mission Track
MEMO - Memorandum
MODL - Model Announcement
NAIR - New Applications of Imagery Report
NEDR - Detailed Photographic Interpretation Report (Near East)

NEGR - General Photographic Interpretation Report (Near East)
NEIR - Initial Photographic Interpretation Report (Near East)
NESR - Special Photographic Interpretation Report (Near East)
NEWS - Technical Newsletter
NOTE - Photographic Interpretation Note
REPT - Photographic Interpretation Report
SPIR - Special Photographic Intelligence Report
SUMP - Summary
TP - Technical Publication

SECURITY CLASSIFICATION

00 - UNCLASSIFIED
04 - SECRET
05 - SECRET
07 - CONFIDENTIAL
08 - CONFIDENTIAL/



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ORIGINATOR

ACDA - ARMS CONTROL AND DISARMAMENT AGENCY

AEC - ATOMIC ENERGY COMMISSION

AF - AIR FORCE

ARMY - ARMY

CIA - CENTRAL INTELLIGENCE AGENCY

DIA - DEFENSE INTELLIGENCE AGENCY (DEFENSE PRODUCTION CENTER)

GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE

JOINT - JOINT (2 or more USIB members participating)

NAVY - NAVY

NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NSA - NATIONAL SECURITY AGENCY

NTPC - NATIONAL TECHNICAL PROCESSING CENTER

SAC - SAC (544th RTS)

SAC-1 - SAC-1 (8th RTS)

SAC-2 - SAC-2 (3921 ST RTS)

SAC-C - SAC-C (15th RTS)

STL - SPACE TECHNOLOGY LABORATORY

SVIET - SOUTH VIETNAM (Translated PI Reports)

USIB - UNITED STATES INTELLIGENCE BOARD

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EPF SUBJECT CATEGORIES

05 - AIR ACTIVITY

Airfields, seaplane stations, aircraft, storage, production, research, training, aerohydrodynamic vehicles, and air defense activity.

10 - GENERAL ACTIVITY

Complex studies, unidentified installations/equipment, and terrain or agriculture analyses.

13 - BIOLOGICAL/CHEMICAL WARFARE ACTIVITY

Research, production, testing, training, and storage.

15 - COMPREHENSIVE REPORTS

Mission readouts, summaries, and country or area studies.

25 - ELECTRONICS/COMMUNICATIONS ACTIVITY

Radar and radio installations/equipment, missile, air, naval related installations/equipment, production, research, testing.

30 - INDUSTRIAL ACTIVITY

Raw materials, basic processing, heavy and light industry, chemical plants, and power facilities. (For shipbuilding, see NAVAL. For nuclear power plants, see NUCLEAR.)

35 - MILITARY ACTIVITY

Ground force installations/equipment, production, testing, research, and repair.

40 - MISSILES & SPACE ACTIVITY

Sites, research, production, storage, and equipment.

55 - NUCLEAR ACTIVITY

Mining, production, research, testing, storage, and nuclear power plants.

60 - OVERLAYS/PLOTS

Mission Coverage Plots, Mission Coverage Statistics, tracks, and annotated maps.

65 - RESEARCH AND DEVELOPMENT ACTIVITY

Technical publications and miscellaneous R&D installations.

75 - NAVAL ACTIVITY

Submarine bases, naval bases and air stations, shipyards, research, and equipment.

80 - STORAGE ACTIVITY (NON-MILITARY)

POL storage, agricultural storage, and industrial storage.

85 - TRANSPORT AND PIPELINE ACTIVITY

Road and rail activity, pipelines, and canal systems.

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PART I

Listing of Reports Alphabetically

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PART II

Listing of Reports by Originator

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Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010040-0

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Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010040-0

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PART III

Listing of Reports by General Subject

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PART IV

Listing of Reports by Coordinates

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Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010040-0

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PART V

Listing of Reports by WAC/BE Number

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PART VI

Listing of Reports by Accession Number

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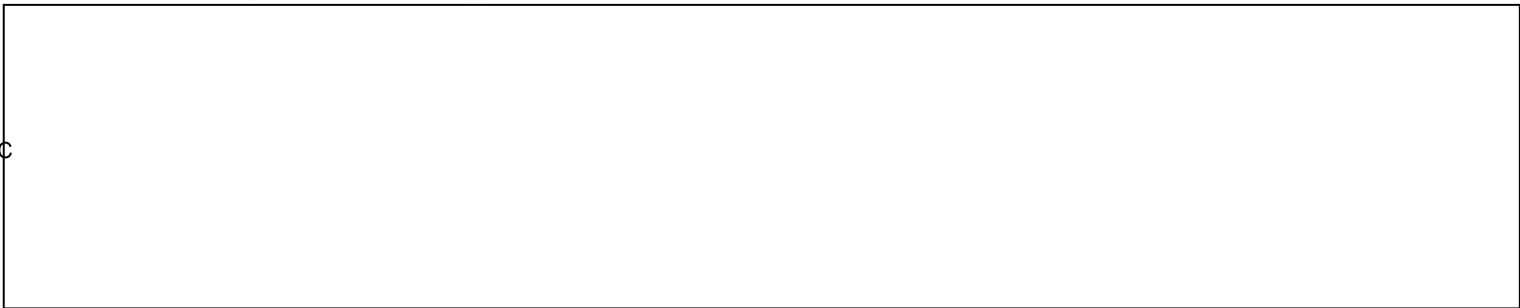


AF ENDR E1018-74 08 NOV 74 SEC CLASS: 07 MSN: 1P ACCN: S070053

25X1A

AIRCRAFT, MIG-23 FLOGGER C UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1C



ARMY BIIR RAC24-5008-75 AUG 74 SEC CLASS: 05 MSN: 9P ACCN: S070237

25X1A

ELECTRONICS, CLOTHES HORSE HF ANTENNA VEH MTD UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 25D COMIREX NO:

25X1A

MILITARY, GAZ-63 CARGO TRUCK HF ANTENNA MTD UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1A

MILITARY, GAZ-66 CARGO TRUCK HF ANTENNA MTD UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1A

MILITARY, BTR-60PA HF ANTENNA MOUNTED UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1A

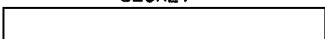
ELECTRONICS, R-118BM3 RADIO STATION MOBILE UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 25D COMIREX NO:

25X1A

ELECTRONICS, R-125 HF/VHF TRANSCEIVER MOBILE UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 25D COMIREX NO:

24
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THE CLOTHES HORSE IS THE HF VEHICLE ANTENNA MOST COMMONLY ASSOCIATED WITH THE SOVIET MOBILE RADIO STATION R-118BM3 AND HAS BEEN MOST FREQUENTLY OBSERVED MOUNTED ON THE ROOF OF THE GAZ 66 BOX-BODIED VAN. ALSO INCLUDED IS A CLOTHES HORSE TYPE ANTENNA MOUNTED ON THE ROOF OF A GAZ 66 BOX-BODIED VAN WHICH HAS BEEN REPORTED TO UTILIZE THE R-125 RADIO STATION. INCLUDED IN THIS REPORT ARE ANNOTATED PHOTOGRAPHS, LINE DRAWINGS, DIMENSIONS, AND A BASIC DESCRIPTION DERIVED FROM PHOTOGRAPHY AND COLLATERAL MATERIAL. THIS INFORMATION IS CURRENT

25X1D

ARMY BIIR RAC24-5013-75 OCT 74 SEC CLASS: 07 MSN: 7P ACCN: S070238

MILITARY, ZIL-135 CARGO TRUCK
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MISSILES, FROG-7 RESUPPLY VEHICLE ZIL-135 MTD
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 40 COMIREX NO:

25X1A

25X1A

THIS REPORT, BASED ON GROUND PHOTOGRAPHY AND DOCUMENTED REPORTS, IS A DETAILED DESCRIPTION OF THE ZIL-135, 8 X 8, 10-METRIC TON, HEAVY DUTY CARGO TRUCK. ALSO INCLUDED ARE MODIFICATIONS TO THE BASIC VEHICLE, PHYSICAL AND FUNCTIONAL DESCRIPTIONS, ANNOTATED PHOTOGRAPHY, AND LINE DRAWINGS WITH DIMENSIONS. THE INFORMATION CONTAINED IN THIS REPORT IS CURRENT

25X1D

ARMY BIIR RAC24-5007-75 OCT 74 SEC CLASS: 08B MSN: 13P ACCN: S070239

ELECTRONICS, CLOTHES RAIL HF ANTENNA VEH MTD
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 25D COMIREX NO:
 ELECTRONICS, COIN GRASS UHF ANTENNA
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 25D COMIREX NO:
 MILITARY, ZIL-157 CLOTHES RAIL ANTENNA ASSOC
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, BTR-60PA CLOTHES RAIL ANTENNA ASSOC
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1A

25X1A

25X1A

25X1A

THE CLOTHES RAIL IS THE VEHICLE ANTENNA USED WITH THE SOVIET R-102M/R-102M2 MOBILE RADIO STATION MOUNTED ON A ZIL-157 BOX-BODIED VAN. A CLOTHES RAIL TYPE ANTENNA IS MOUNTED ON A BTR-60PA ALONG WITH TOP BALL. INCLUDED IN THIS REPORT ARE ANNOTATED PHOTOGRAPHS, DETAILED LINE DRAWINGS WITH DIMENSIONS, A BASIC DESCRIPTION, AND A LIST OF IMAGERY AND DOCUMENTS USED IN THE REPORT. THIS INFORMATION IS CURRENT

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R-10-75

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ARMY BIIR RAC24-5012-75 OCT 74 SEC CLASS: 07 MSN: 13P ACCN: S070240

25X1A	MILITARY, MAZ-500A	BE/OBJ NO	UR
	WAC NO :	EPF CAT : 35E	NPIC NO :
	IDHS CODE:		COMIREX NO:
25X1A	MILITARY, MAZ-500	BE/OBJ NO	UR
	WAC NO :	EPF CAT : 35E	NPIC NO :
	IDHS CODE:		COMIREX NO:
25X1A	MILITARY, MAZ-503	BE/OBJ NO	UR
	WAC NO :	EPF CAT : 35E	NPIC NO :
	IDHS CODE:		COMIREX NO:
25X1A	MILITARY, MAZ-504	BE/OBJ NO	UR
	WAC NO :	EPF CAT : 35E	NPIC NO :
	IDHS CODE:		COMIREX NO:
25X1A	MILITARY, MAZ-514	BE/OBJ NO	UR
	WAC NO :	EPF CAT : 35E	NPIC NO :
	IDHS CODE:		COMIREX NO:
25X1A	MILITARY, MAZ-516	BE/OBJ NO	UR
	WAC NO :	EPF CAT : 35E	NPIC NO :
	IDHS CODE:		COMIREX NO:

THIS REPORT, BASED ON GROUND PHOTOGRAPHY AND DOCUMENTED REPORTS, IS A DETAILED DESCRIPTION OF THE MAZ-500A, 4 X 2, 9-METRIC TON CARGO TRUCK AND THE MAZ-500, 4 X 2, 7.5-METRIC TON CARGO TRUCK. ALSO INCLUDED ARE THE OTHER VERSIONS WHICH UTILIZE THE MAZ-500A AND MAZ-500 TRUCK CHASSIS. PHYSICAL AND FUNCTIONAL DESCRIPTIONS, ANNOTATED PHOTOGRAPHY, AND LINE DRAWINGS WITH DIMENSIONS ARE ALSO INCLUDED IN THIS REPORT. THE INFORMATION CONTAINED IN THIS REPORT IS CURRENT

25X1D

NPIC NOTE PIN001-75 FEB 75 SEC CLASS: 05 X MSN: 2P ACCN: S070368

NANCHING RIVER CROSSING EXERCISE
WAC NO : 0386 BE/OBJ NO: CH 321340N 1194410E
IDHS CODE: EPF CAT : 35B NPIC NO :
COMIREX NO:

25X6

AF BIIR RFB22-5010-75 JAN 75 SEC CLASS: 04 MSN: 11P ACCN: S070512

MISSILES, AA-1C UR

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R-10-75

25X1

25X1A WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:
25X1A MISSILES, AA-1B [] UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:
25X1A MISSILES, AA-1A [] UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:
25X1A MISSILES, AA-1D [] UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE ALKALI (AA-1) AIR-TO-AIR MISSILE (AAM). THE REPORT INCLUDES A BASIC DESCRIPTION, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE MISSILE. THREE VERSIONS OF THE ALKALI HAVE BEEN OBSERVED AND SUBSEQUENTLY SIGNATED AA-1A (SOVIET DESIGNATOR RS-1U), AA-1B (SOVIET DESIGNATOR RS-2U), AND AA-1D (SOVIET DESIGNATOR UNKNOWN). PREVIOUSLY, A FOURTH VERSION, DESIGNATED AA-1C (SOVIET DESIGNATOR RS-2UM), WAS CONSIDERED TO BE A SEPARATE VARIANT; HOWEVER, IT HAS SINCE BEEN DETERMINED THAT THIS VERSION WAS AN AA-1B (RS-2U) WITHOUT A NOSE FUSE. CONSEQUENTLY, THE REPORTED AA-1C DESIGNATOR HAS BEEN RETIRED.

25X1B

25X1D

25X1D

WHILE THE AA-1D HAS A LENGTH OF [] BOTH VERSIONS HAVE A MAXIMUM BODY DIAMETER OF [] AND A WINGSPAN OF [] THIS REPORT SUPERSEDES FTD BIIR, RFB-22/5020/72, ALKALI, DATED MARCH 1972.

25X1B

25X1D

25X1D

AF BIIR RFB22-5012-75 JAN 75 SEC CLASS: 04 MSN: 11P ACCN: S070513

25X1A MISSILES, AA-3A [] UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:
25X1A MISSILES, AA-3C [] UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:
25X1A MISSILES, AA-3D [] UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:
25X1A MISSILES, AA-3B [] UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE ANAB (AA-3) AIR-TO-AIR MISSILE (AAM). THE REPORT CONTAINS A BASIC DESCRIPTION, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE MISSILE. TWO BASIC

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VARIANTS OF THE ANAB AAM HAVE BEEN OBSERVED.

THIS REPORT SUPERSEDES FTD BIIR, RFB-22/5027/71, ANAB, DATED JANUARY 1971.

NAVY BIIR RN623-5014-75 JAN 75 SEC CLASS: 04 MSN: 9P ACCN: S070611

SHIPS, AG CLASS ONEGA
WAC NO :
IDHS CODE:

BE/OBJ NO :
EPF CAT : 75D

UR
NPIC NO :
COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE ONEGA CLASS MISCELLANEOUS AUXILIARY (AG), BASED ON POOR-RESOLUTION GROUND PHOTOGRAPHY. IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, ELECTRONICS INVENTORY, ANNOTATED PHOTOGRAPHIC ILLUSTRATIONS, AND PROVISIONAL SCALE DRAWINGS.

THE ONEGA CLASS AG HAS AN OVERALL LENGTH OF AND AN OVERALL BEAM OF
PROMINENT FEATURES INCLUDE TWO LARGE CRANES (ONE PORT AND ONE STARBOARD) AND A LARGE PLATFORM LOCATED ON THE STERN.

THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT

AF ENDR E1021-74 11 DEC 74

SEC CLASS: 04 MSN: 1P

ACCN: S070636

MISSILES, AA-3 VARIANTS
WAC NO :
IDHS CODE:

BE/OBJ NO :
EPF CAT : 40J

UR
NPIC NO :
COMIREX NO:

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25X1

AF	ENDR	D1020-74	02 DEC 74	SEC CLASS: 07	MSN:	1P	ACCN: S070638
		MISSILES, SA-9 CANISTER			UR		
		WAC NO :	BE/OBJ NO:		NPIC NO :		
		IDHS CODE:	EPF CAT : 40C		COMIREX NO:		
AF	ENDR	D1019-2-74	07 JAN 75	SEC CLASS: 05B	MSN:	1P	ACCN: S070641
25X1A		AIRCRAFT, SU-19 FENCER A			UR		
		WAC NO :	BE/OBJ NO:		NPIC NO :		
		IDHS CODE:	EPF CAT : 05D		COMIREX NO:		
AF	ENDR	C2001-75	07 JAN 75	SEC CLASS: 05B	MSN:	1P	ACCN: S070642
25X1A		AIRCRAFT, SU-19 FENCER A CROSS SECTIONS			UR		
		WAC NO :	BE/OBJ NO:		NPIC NO :		
		IDHS CODE:	EPF CAT : 05D		COMIREX NO:		
AF	ENDR	B1022-74	19 DEC 74	SEC CLASS: 07	MSN:	1P	ACCN: S070643
		AIRCRAFT, SU-20 FITTER C EXTERNAL FUEL TANK			UR		
		WAC NO :	BE/OBJ NO:		NPIC NO :		
		IDHS CODE:	EPF CAT : 05D		COMIREX NO:		

25X6

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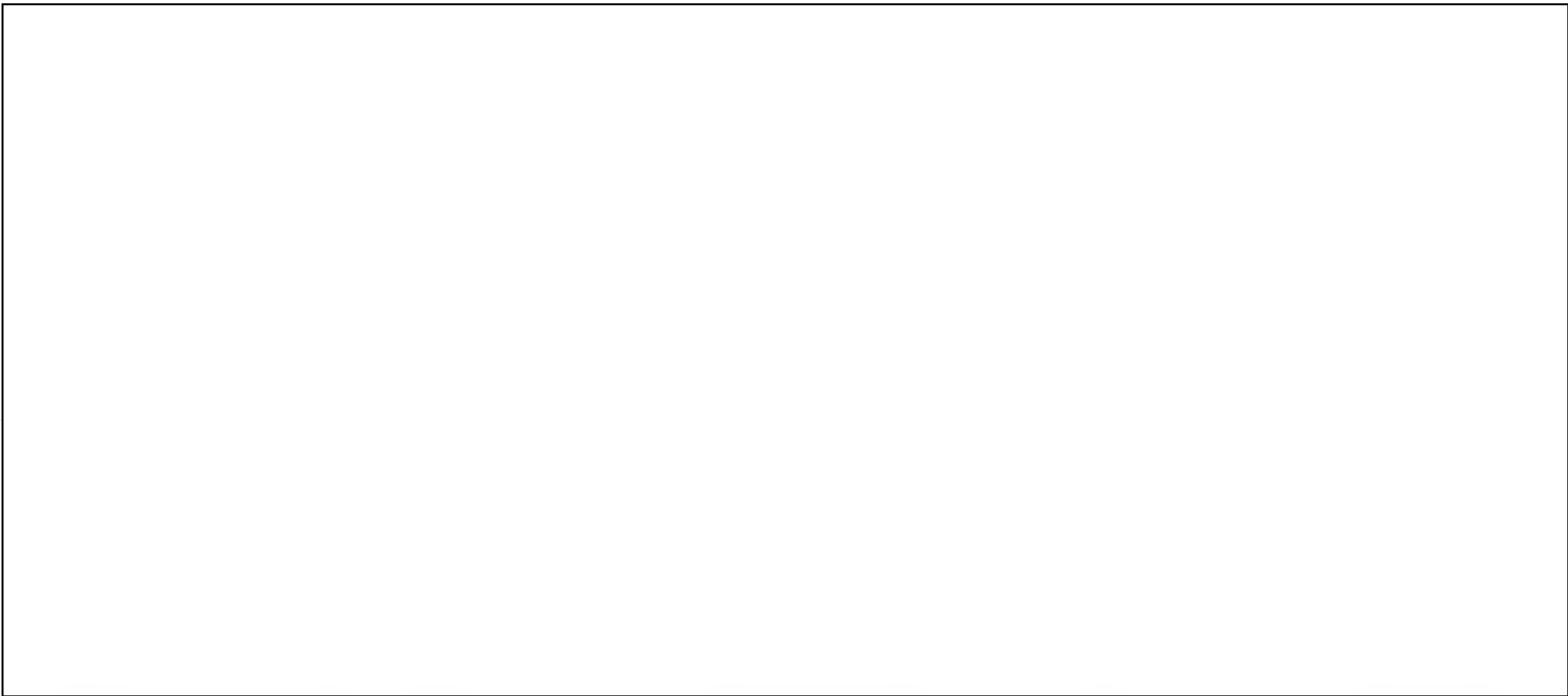
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25X6

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NAVY BIIR RN623-5013-75 DEC 74 SEC CLASS: 05Z MSN: 12P ACCN: S070695

25X1A

ELECTRONICS, FRONT DOOR MSLE GUIDANCE RDR NAV UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25I COMIREX NO:

25X1A

ELECTRONICS, FRONT PIECE MISSILE TRKG RDR NAV
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25I COMIREX NO:

30
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THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE FRONT DOOR/Front PIECE MISSILE GUIDANCE/TRACKING RADAR SYSTEM, BASED ON AVAILABLE GROUND AND AERIAL PHOTOGRAPHY. THIS REPORT INCLUDES PROVISIONAL SCALE DRAWINGS AND RECOGNITION PHOTOGRAPHS OF BOTH RADARS. IN ADDITION, PHOTOGRAPHS OF THE TWO SOVIET SUBMARINE CLASSES CURRENTLY FITTED WITH THE FRONT DOOR/Front PIECE SYSTEM ARE ILLUSTRATED. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT

25X6

25X1D

AF BIIR RFB22-5014-75 DEC 74 SEC CLASS: 07 MSN: 9P ACCN: S070828

ELECTRONICS, SCORE BOARD B IFF INTERROGATOR WAC NO : BE/OBJ NO NPIC NO : UR

25X1A

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25X1

Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010040-0

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R-10-75

IDHS CODE: EPF CAT : 25A COMIREX NO:

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE SCORE BOARD B IFF ANTENNA. IT INCLUDES A BASIC DESCRIPTION, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY. THE SCORE BOARD B ANTENNA CONSISTS OF A TEN-BAY, EIGHT-STACK, VERTICALLY POLARIZED, BOARDSIDE ARRAY OF DIPOLES BACKED BY A WIRE-SCREEN REFLECTOR, HIGH, THE ANTENNA ARRAY IS MOUNTED ON A ROTOR BOX WHICH IS SUPPORTED BY A LATTICE FRAMEWORK PEDESTAL.

CIA INFR MSD040-75 28 FEB 75 SEC CLASS: 08 MSN: 5P ACCN: S070877

ELECTRONICS, STRAIGHT FLUSH SA-6 TRACKING RDR UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

NAVY BREF BIC23-8001-75 FEB 75 SEC CLASS: 05 X MSN: 8P ACCN: S070902

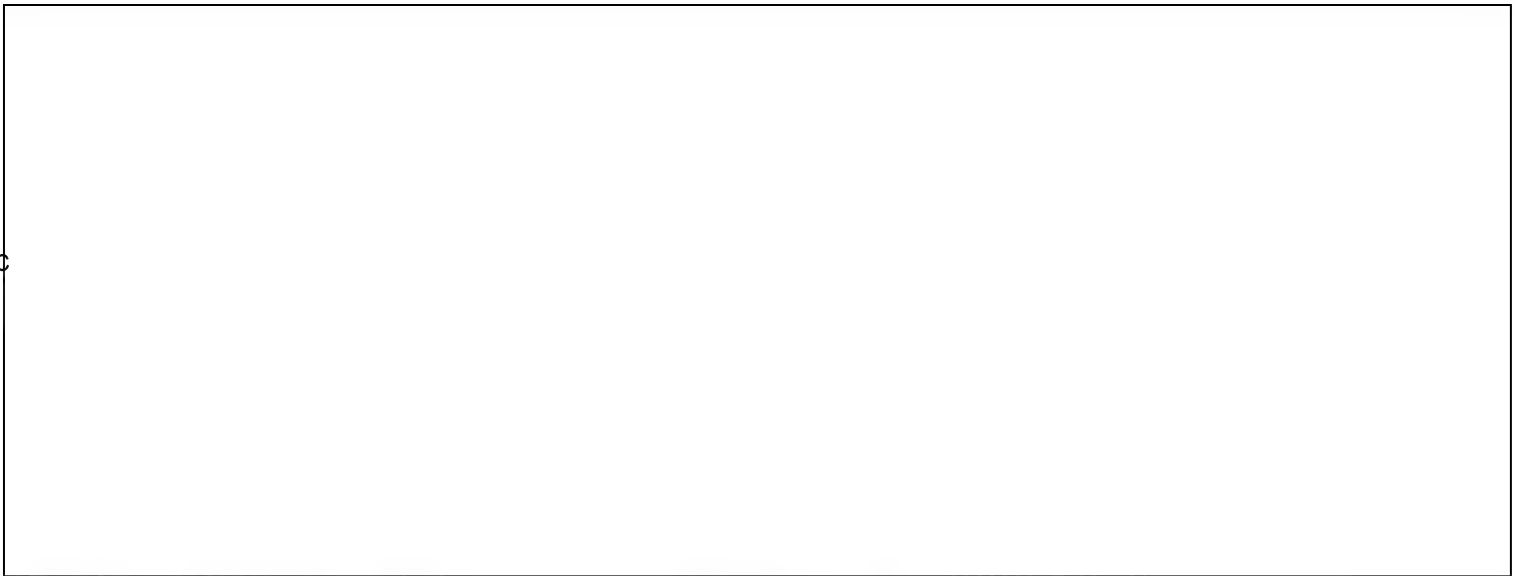
BERBERA MISSILE HANDLING + STORAGE FACILITY SO 102410N 0445900E
WAC NO : 0790 BE/OBJ NO : NPIC NO : - 1-C
IDHS CODE: EPF CAT : 40 COMIREX NO:

THIS REPORT IS A PHOTO-DERIVED ANALYSIS OF RECENT SOVIET CONSTRUCTION ACTIVITY NEAR BERBERA, SOMALIA, LOCATED IN EASTERN AFRICA ON THE SOUTHERN COAST OF THE GULF OF ADEN. IT INCLUDES AN ANALYSIS OF SATELLITE PHOTOGRAPHY OF THE FOLLOWING COMPONENT - CHECKOUT/ASSEMBLY AND STORAGE AREA MISSILE HANDLING AND FUELING AREA COMPONENTS STORAGE AREA.

SECRET

R-10-75

25X1



NAVY BIIB BN623-5001-75 NOV 74 SEC CLASS: 04 MSN: 2P ACCN: S070954

25X1A SHIPS, MSI CLASS ILYUSHA
WAC NO : BE/OBJ NO [REDACTED] UR
IDHS CODE: EPF CAT : 75D NPIC NO :
COMIREX NO:

NAVY BIIR RN623-5017-75 FEB 75 SEC CLASS: 04 MSN: 25P ACCN: S071149

25X1A ELECTRONICS, HEAD LIGHTS A MSLE GUIDANCE RDR UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1A ELECTRONICS, HEAD LIGHTS B MSLE GUIDANCE RDR UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

33
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R-10-75

25X1

25X1A

ELECTRONICS, HEAD LIGHTS C MSLE GUIDANCE RDR UR
WAC NO : BE/OBJ NO NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1D

25X1D

25X1D

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF HEAD LIGHTS A, B, AND C SURFACE TO AIR MISSILE GUIDANCE RADARS, AND IS BASED ON AVAILABLE GROUND AND AERIAL PHOTOGRAPHY. IT INCLUDES DETAILED LINE DRAWINGS AND SELECTED PHOTOGRAPHS OF THE VARIOUS HEAD LIGHT RADARS. IN ADDITION, PHOTOGRAPHS OF THE SHIP CLASS WHICH CARRY THE VARIOUS VERSIONS ARE SHOWN. HEAD LIGHTS A CONSISTS OF TWO LOWER DISHES WITH DIAMETERS OF [REDACTED] TWO UPPER SETS OF TRUNCATED TANDEM REFLECTORS HAVING CHORD DIMENSIONS OF [REDACTED] ONE DISH [REDACTED] IN DIAMETER, AND A HORN TYPE COMMAND ANTENNA. HEAD LIGHTS B IS SIMILAR TO HEAD LIGHTS A, EXCEPT THAT THE SMALL LOWER DISH IS ABSENT AND THE TWO UPPER TRUNCATED REFLECTORS HAVE BEEN REPLACED BY TWO SOLID DISHES [REDACTED] IN DIAMETER. ADDITIONALLY, A SMALL RADOME IS APPENDED TO EACH OF THESE DISHES AT THE THREE O'CLOCK POSITION. APPEARING EARLY [REDACTED] HEAD LIGHTS C REPRESENTS A MODIFICATION OF HEAD LIGHTS B ON WHICH THE HORN TYPE COMMAND ANTENNA IS ABSENT FROM THE UPPER PLATFORM. A LARGE HORN TYPE ANTENNA AND A CANTED 100-CM SOLID DISH WITH OFFSET FEED HAVE BEEN ADDED BETWEEN THE LOWER LARGE DISHES. THIS REPORT SUPERSEDES BNG-23/5044/71 OF MAY 1971 AND BNG-23/50008/72 OF MARCH 1972, HEADLIGHTS A AND B RADAR.

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25X1D

25X6

25X1C

34
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25X1

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R-10-75

25X1



NPIC NAIR 3-75 MAR 75 SEC CLASS: 05 X MSN: 6P ACCN: S071203

PHOTO, IMAGERY CHANGE DIAZO TECHNIQUE

WAC NO : BE/OBJ NO:
IDHS CODE: EPF CAT : 65

NPIC NO :
COMIREX NO:

NAVY REPT RMC06-3001-75

MAR 75

SEC CLASS: 05 X MSN:

12P

ACCN: S071224

VRANGELYA BUKHTA PORT FACILITIES U/C

WAC NO : 0291 BE/OBJ NO:
IDHS CODE: EPF CAT : 75

UR 424400N 1330520E

NPIC NO : - 16-E3
COMIREX NO:

25X1A

THIS REPORT PROVIDES A BRIEF INTERIM DESCRIPTION OF BUKHTA VRANGELYA PORT FACILITIES UNDER CONSTRUCTION, THIS PORT, WHEN COMPLETED, IS EXPECTED TO BE CAPABLE OF HANDLING TEN MILLION TONS OF COAL, 800,000 TONS OF WOOD CHIPS AND 140,000 CONTAINERS ANNUALLY. THE CONTENTS OF THIS REPORT INCLUDE A LOCATION MAP, A PHOTOGRAPH OF THE PORT DURING THE INITIAL STAGES OF CONSTRUCTION, AN ANNOTATED PHOTOGRAPH OF THE PORT WITH A DETAILED DESCRIPTION AND GROUND PHOTOGRAPHY SHOWING THE TIMBER AND WOOD CHIP HANDLING AREAS THE INTELLIGENCE CUT-OFF DATE OF THIS REPORT

25X1D

25X1D

NAVY REPT RMC23-5001-75

MAR 75

SEC CLASS: 05 MSN:

23P

ACCN: S071225

SHIPS, AGM CLASS DESNA

WAC NO : BE/OBJ NO:
IDHS CODE: EPF CAT : 75D

UR
NPIC NO :
COMIREX NO:

THIS IS A DETAILED IMAGERY-DERIVED ANALYSIS OF THE SOVIET DESNA CLASS MISSILE RANGE INSTRUMENTATION SHIP (AGM). INCLUDED ARE A BASIC DESCRIPTION, SELECTED PHOTOGRAPHIC VIEWS, AND INVENTORIES OF THE ELECTRONIC SUITS.

BASIC HULL DIMENSIONS ARE FOR OVERALL LENGTH AND FOR MAXIMUM

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BEAM. DESNA IS A SOPHISTICATED MISSILE AND SPACE VEHICLE TRACKING SHIP CONVERTED FROM THE
DZHANKOV CLASS BULK CARGO CARRIER.
INTELLIGENCE CUT-OFF DATE FOR THIS REPORT

25X1
25X6

NAVY BIIR RRG23-5018-75 MAR 75 SEC CLASS: 04 MSN: 17P ACCN: S071312

SHIPS, AGS CLASS MOMA

WAC NO :

IDHS CODE:

BE/OBJ NO: NPIC NO :
EPF CAT : 75D COMIREX NO:

SHIPS, AGI CLASS MOMA

WAC NO :

IDHS CODE:

BE/OBJ NO: NPIC NO :
EPF CAT : 75D COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF SOVIET MOMA CLASS UNITS DESIGNATED EITHER SURVEYING SHIP (AGS) OR INTELLIGENCE COLLECTORS (AGI). IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, ELECTRONIC INVENTORIES, ANNOTATED PHOTOGRAPHIC ILLUSTRATIONS, PROVISIONAL SCALE DRAWINGS, AND REFERENCE DATA.

THE POLISH-BUILT MOMA CLASS IS LONG AND HAS A MAXIMUM BEAM. PROMINENT FEATURES INCLUDE A SUPERSTRUCTURE AND MAINMAST AMIDSHIPS AND A 7-TON CAPACITY CRANE POSITIONED ON THE MAIN DECK FORWARD OF THE SUPERSTRUCTURE.

THIS REPORT SUPERSEDES BASIC IMAGERY INTERPRETATION REPORT (BIIR) /RRG-23/5014/72 MOMA CLASS AGS AND MOMA CLASS AGI, DATED DECEMBER 1971.

THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT

NAVY BIIR RRG23-5019-75 MAR 75 SEC CLASS: 04 MSN: 9P ACCN: S071313

SHIPS, AEM CLASS AMGA

WAC NO :

IDHS CODE:

BE/OBJ NO: NPIC NO :
EPF CAT : 75D COMIREX NO:

36
SECRET

SECRET

R-10-75

25X1

THIS REPORT PROVIDES AN IMAGERY-DERIVED ANALYSIS OF THE AMGA CLASS MISSILE SUPPORT SHIP (AEM) AND INCLUDES BASIC CHARACTERISTICS, ANNOTATED PHOTOGRAPHIC ILLUSTRATIONS, AND PROVISIONAL SCALE DRAWINGS. A SIGNIFICANT IDENTIFYING FEATURE OF THIS CLASS IS A LARGE CRANE SPANNING THE AREA BETWEEN TWO IMPOSING SUPERSTRUCTURES. AMGA IS [REDACTED] LONG AND HAS A [REDACTED] BEAM. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT [REDACTED]

25X1D

25X1D
25X1D

DIA IIM 8C-10703-75 15 APR 75 SEC CLASS: 05 X MSN: 3P ACCN: S071317

25X1A AL JUBAYL GAS/OIL SEPARATION PLANT NW [REDACTED] SA 270155N 0493750E
25X1A WAC NO : 0547 BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE [REDACTED] EPF CAT : 30B COMIREX NO:

AF BIIR RFB22-5005-75 DEC 74 SEC CLASS: 04 MSN: 17P ACCN: S071360

25X1A AIRCRAFT, MIG-23 FLOGGER C [REDACTED] UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE : EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE FLOGGER C (MIG-23), A TANDEM, TWO-PLACE VERSION OF THE VARIABLE-GEOMETRY-WING (VFW), SINGLE-ENGINE FLOGGER FIGHTER. THE REPORT CONTAINS A BASIC DESCRIPTION, ENGINEERING DRAWINGS AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT.

25X1D

25X1D THE MIKOYAN-DESIGNED FLOGGER C HAS A FUSELAGE LENGTH OF [REDACTED] AND A HIGH-MOUNTED WING THAT SPANS [REDACTED] IN THE SWEPT [REDACTED] POSITION AND [REDACTED] IN THE EXTENDED [REDACTED] POSITION.

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25X1D

25X1D

DIA IIM 8C-10708-75 21 APR 75 SEC CLASS: 05 X MSN: 3P ACCN: S071395

25X1A ABU ALI GAS/OIL SEPARATION PLANT [REDACTED] SA 271800N 0494055E
25X1A WAC NO : 0547 BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE [REDACTED] EPF CAT : 30B COMIREX NO:

AF BIIR RFB22-5008-75 DEC 74 SEC CLASS: 04 MSN: 17P ACCN: S071499

25X1A SPACE, MOLNIYA 2 SPACECRAFT/COMMO SATELLITE [REDACTED] UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE : EPF CAT : 40H COMIREX NO:

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE MOLNIYA 2 SATELLITE. IT INCLUDES A BASIC DESCRIPTION, MENSURAL AND CONFIGURATIVE ANALYSIS, ENGINEERING DRAWINGS, AND REPRESENTATIVE PHOTOGRAPHY. THE BODY OF THE MOLNIYA 2 SATELLITE IS [REDACTED] IN MAXIMUM DIAMETER BY [REDACTED] IN OVERALL LENGTH, AND HAS SIX RADIAL SOLAR PANELS SPANNING A [REDACTED] DIAMETER. THE MOLNIYA 2 IS A SECOND-GENERATION SOVIET COMMUNICATION SATELLITE DESIGNED TO RECEIVE AND TRANSMIT RADIO, TELEPHONE, AND TELEVISION SIGNALS ACROSS THE SOVIET UNION.

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